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PTO/SB/05 (08/03)

Approved for use through 07/31/2006. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

29329-714.201

First Inventor

Alpern, Robert et al.

Title

Methods and Compositions for  
Treatment of Ion Imbalances

Express Mail Label No.

333487425

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original, and a duplicate for fee processing)*
2.  Applicant claims small entity status. See 37 CFR 1.27.
3.  Specification  
*(preferred arrangement set forth below)*  
 - Descriptive title of the invention  
 - Brief Description of the Figures  
 - Brief Summary of the Invention  
 - Detailed Description of the Invention  
 - Claim(s)  
 - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) *[Total Sheets 1]*
5.  Oath or Declaration *[Total Pages 5]*  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*  
 i.  DELETION OF INVENTOR(S)  
 Signed statement attached deleting inventor(s)  
 named in the prior application, see 37 CFR  
 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7.  CD-Rom or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
- Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - CD-ROM or CD-R (2 copies); or
    - Paper
  - Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*
11.  English Translation Document (*if applicable*)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent
17.  Other: Petition to Make Special and Statement of Applicant in Support of Petition under 37 CFR 1.102(a)

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76.)

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_

**For CONTINUATION OF DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number 021971 OR  Correspondence address below

Name

Address

City

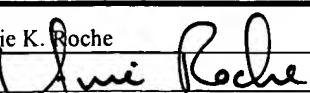
State

Zip code

Country

Telephone

Fax

Name (Print/Type)	Anje K. Roche	Registration No. (Attorney/Agent)	50,512
Signature		Date	3/30/04

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 2,104)

## Complete if Known

Application Number	Unassigned
Filing Date	March 30, 2004
First Named Inventor	Alpern, Robert et al.
Examiner Name	Unassigned
Art Unit	Unassigned
Attorney Docket No.	29329-714.201

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money  Other  None Order
 Deposit Account:

Deposit Account Number 23-2415

Deposit Account Name Wilson Sonsini Goodrich &amp; Rosati

## The Director is authorized to: (check all that apply)

- 
- Charge fee(s) indicated below
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- Credit any overpayments
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- Charge any additional fee(s) or any underpayment fee(s)
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- 
- Charge fees(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Description	Fee Paid
Code 1001	\$ 770	Code 2001	\$ 385	Utility filing fee	770
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)				(\$)	770

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	71	-20** = 51	x 18 = 918
Independent Claims	4	-3** = 1	x 86 = 86
Multiple Dependent			290 = 290

Large Entity	Small Entity	Fee Description
Fee Code 1202	Fee Code 2202	Fee (\$ 18 \$ 9) Claims in excess of 20
1201	2201	43. Independent claims in excess of 3
1203	2203	145 Multiple dependent claim, if not paid
1204	2204	43 **Reissue independent claims over original patent
1205	2205	9 **Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 1,294)

\*\*or number previously paid, if greater; For Reissues, see below

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large	Entity	Small	Entity	Fee Description	Fee Paid
Fee Code 1051	Fee (\$ 130	Fee Code 2051	Fee (\$ 65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$ 40

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Anic K. Roche	Registration No. (Attorney/Agent)	50,512	Telephone	650-493-9300
Signature	<i>Anic Roche</i>	Date	3/30/04		

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